

1

**AD-A232 529**

TECHNICAL REPORT

For The

Cargo Movement Operations System (CMOS)

Preliminary Interface Design Document  
Increment II

DTIC  
ELECTE  
MAR 07 1991  
S D

28 February 1991

Prepared under

Contract Number F11624-88-D-0001/6K12  
CDRL #A004-103

Prepared for

Standard Systems Center (SSC)  
Deputy Chief of Staff for Acquisition  
Cargo Movement Operations System Division  
Gunter AFB, AL 36114

DISSEMINATION BY AGENCY  
Approved for public release  
Distribution Unlimited

Prepared by

Science Applications International Corporation (SAIC)  
5 Eagle Center, Suite 2,  
O'Fallon, IL 62269

91 3 04 098

Table of Contents

	<u>Page</u>
<b>Section I</b>	
Introduction	ii
Summary	ii
Conclusion	ii
<b>Section II</b>	
Results	iii

Accession Form	
NTIS CRACI	J
DTIC TAB	
Unannounced	
Justification	
By <b>PA AD-A222998</b>	
Distribution /	
Approved by	
Dist	Available Special
<b>A-1</b>	



**SECTION I.**

**INTRODUCTION.**

The purpose of this Technical Report is to review the Preliminary Interface Design Document, Increment II, CDRL A008-04, which was produced for the Government by Evaluation Research Corporation. The results are provided in the form of Data Item Discrepancy worksheets as requested by the CMOS Program Office.

**SUMMARY.** Not Used.

**CONCLUSION.** Not Used.

**SECTION II.**

**RESULTS.**

Our analysis is provided in the following Data Item  
Discrepancy worksheets:

ORIGINATOR CONTROL NUMBER: IDD-0001  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: EDITORIAL: X

PAGE NUMBER: PARA. NUMBER:

COMMENT OR RECOMMENDED CHANGE:

All editorial comments for the Preliminary Interface Design Document, Increment II, have been collected on this worksheet and are arranged in page number order.

RATIONALE:

N/A

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION: ACCEPT [ ] REJECT [ ]

COMMENT STATUS: OPEN [ ] CLOSED [ ]

Cmnt No.	Page No.	Paragraph Number	Comment
1.	vii	List of Figures	Figure 3.24, METS II is listed twice. Delete the reference to page 51 here, and Figure 3.24 on page 51.
2.	52	3.30.2.1b	Change "inceements" to "increments".
3.	56	3.33.2.1	Change Table "3.35.2.a" to 3.40.2a".
4.	A-3	DAMMS-R	Change "management" to "Management".
5.	A-5	HOST	Change "Syatem" to "System".

ORIGINATOR CONTROL NUMBER: IDD-0002  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 2

PARA NUMBER: Table 1.1

COMMENT OR RECOMMENDED CHANGE:

Reconcile the conflict between the following identifiers listed in this table and those reflected in Section 3.

Interface	Table 1.1	Section 3
CMOS to B-TWRAPS	CC2006	CC0206
B-TWRAPS to CMOS	CC0242	CC0240
METS II to CMOS	CC0231	CC0225
TERMS to CMOS	CC0232	CC0227
DAMMSR to CMOS	CC0233	CC0230
CALM to CMOS	CC0241	CC0235
CMOS to CALM	CC2100	CC2036
CAS-B to CMOS	CC0243	CC0242

RATIONALE:

Table 1.1 and Section 3 should agree.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: IDD-0003  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 10 & 51

PARA NUMBER: Figure 3.1, 3.30

COMMENT OR RECOMMENDED CHANGE:

Separate MANPER-B from the LOGMOD-B System.

RATIONALE:

MANPER-B resides on a standalone PC and is no longer resident on the SBLC.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: IDD-0004  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 17, 50

PARA NUMBER: 3.29, 3.29.2.2

COMMENT OR RECOMMENDED CHANGE:

Reconcile the conflict between project unique identifiers for the Truck Manifest Prime TCMD: DIC T-A/D.

RATIONALE:

Table 3.1.2 shows ID for truck manifest to be IM0206 while paragraph 3.29.2.2 shows the ID as IM006.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: IDD-0005  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 45 PARA NUMBER: 3.23.2

COMMENT OR RECOMMENDED CHANGE:

Reverse the table references for subparagraphs a and b.

RATIONALE:

The reference to these tables in the text is reversed.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: IDD-0006  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 53 & 54

PARA NUMBER: 3.31.d & 3.32.d

COMMENT OR RECOMMENDED CHANGE:

Reconcile the differences in the description of cargo manifesting in the two paragraphs.

RATIONALE:

Paragraph 3.31.d states that CALM will produce manifests while paragraph 3.32.d states that CMOS will produce manifests.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: IDD-0007  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: 55

PARA NUMBER: 3.33.d

COMMENT OR RECOMMENDED CHANGE:

Clarify the 4th sentence that states, "CMOS will furnish Base-level CAS with shipment status information."

RATIONALE:

This statement needs expansion as to specific information and how it will be furnished to CAS.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: IDD-0008  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-25

PARA NUMBER: Table 3.4.2d

COMMENT OR RECOMMENDED CHANGE:

Add another line that shows "Source CSCI: Communications, Destination CSCI: DAMMS-R".

RATIONALE:

This addition will bring referenced table in line with paragraph 3.29.2.1.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: IDD-0009  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-26

PARA NUMBER: Table 3.5.2a

COMMENT OR RECOMMENDED CHANGE:

Add another line that shows "Source CSCI: Communications, Destination CSCI: DAMMS-R".

RATIONALE:

This addition will bring referenced table in line with paragraph 3.22.2.2.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: IDD-0010  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-76

PARA NUMBER: Table 3.11.2k

COMMENT OR RECOMMENDED CHANGE:

Add another line that shows "Source CSCI: Communications, Destination CSCI: DAMMS-R".

RATIONALE:

This addition will bring referenced table in line with paragraph 3.29.2.3.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: IDD-0011  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-77

PARA NUMBER: Table 3.11.21

COMMENT OR RECOMMENDED CHANGE:

Add another line that shows "Source CSCI: Communications, Destination CSCI: DAMMS-R".

RATIONALE:

This addition will bring referenced table in line with paragraph 3.29.2.4.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: IDD-0012  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-78

PARA NUMBER: 3.11.2m

COMMENT OR RECOMMENDED CHANGE:

Add another line that shows "Source CSCI: Communications, Destination CSCI: DAMMS-R".

RATIONALE:

This addition will bring referenced table in line with paragraph 3.29.2.5.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: IDD-0013  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-96

PARA NUMBER: Table 3.21.2b

COMMENT OR RECOMMENDED CHANGE:

Add another line that shows "Source CSCI: METS II, Destination CSCI: Communications".

RATIONALE:

This addition will bring referenced table in line with paragraph 3.25.2.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]

ORIGINATOR CONTROL NUMBER: IDD-0014  
PROGRAM OFFICE CONTROL NUMBER:

DATA ITEM DISCREPANCY WORKSHEET

CDRL NUMBER: A008-04

DATE: 02/28/91

ORIGINATOR NAME: Ronald J. Lacour

OFFICE SYMBOL: SAIC

TELEPHONE NUMBER: 272-2999

SUBSTANTIVE: X EDITORIAL:

PAGE NUMBER: D-111

PARA NUMBER: Table 3.33.2g

COMMENT OR RECOMMENDED CHANGE:

Modify the Source CSCI from "COMPES" to "MANPER".

RATIONALE:

Personnel data will not come from COMPES but from the MANPER PC via floppy disk.

CMOS PMO ACCEPTS COMMENT: YES [ ] NO [ ]

ERCI ACCEPTS COMMENT: YES [ ] NO [ ]

COMMENT DISPOSITION:

COMMENT STATUS: OPEN [ ] CLOSED [ ]